

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 8, 12, 15, 19 and 22 and add new claims 23 and 24, in accordance with the following:

1. (currently amended) A program for causing an information processing device to execute a document managing method electronically managing a note taken in a paper document printed from an electronic document when the document is printed and used by a person, the method comprising:

reading as an image a document printed on a paper, in which a note is taken;

extracting information about the note from the read image of the document printed on the paper and a note handwritten on the paper; and

correlating and electronically storing the electronic document and the information about the note.

2. (original) The program according to claim 1, wherein the information about the note includes image data of the note.

3. (original) The program according to claim 2, the method further comprising recognizing a character written in the image data of the note.

4. (original) The program according to claim 3, wherein the electronic document, a note image, and a recognition result of the note image are correlated and electronically stored in the correlating and storing step.

5. (original) The program according to claim 1, the method further comprising searching contents of the electronic document and the recognition result in accordance with a search keyword input from a user, and displaying a search result.

6. (original) The program according to claim 2, wherein the image data of the note is obtained by taking a difference between an image generated from the electronic document and the read image.
7. (original) The program according to claim 1, wherein the information about the note includes location information indicating a location of the note within a printed document.
8. (currently amended) A document managing apparatus electronically managing a note taken in a paper document printed from an electronic document when the document is printed and used by a person, comprising:
a unit reading as an image a document printed on a paper with a note;
a unit extracting information about the note from the read image of the document printed on the paper and a note handwritten on the paper; and
a unit correlating and electronically storing the electronic document and the information about the note.
9. (original) The document managing apparatus according to claim 8, wherein the information about the note includes image data of the note.
10. (original) The document managing apparatus according to claim 9, further comprising
a unit recognizing a character written in the image data of the note.
11. (original) The document managing apparatus according to claim 10, wherein said correlating and storing unit correlates and electronically stores the electronic document, a note image, and a recognition result of the note image.
12. (currently amended) The document managing apparatus according to claim-48, further comprising
a unit searching contents of the electronic document and the recognition result in accordance with a search character input from a user, and displaying a search result.

13. (original) The document managing apparatus according to claim 9, wherein the image data of the note is obtained by taking a difference between an image generated from the electronic document and the read image.

14. (original) The document managing apparatus according to claim 8, wherein the information about the note includes location information indicating a location of the note within a printed document.

15. (currently amended) A document managing method electronically managing a note taken in a paper document printed from an electronic document when the document is printed and used by a person, comprising:

reading as an image a document printed on a paper with a note;

extracting information about the note from the read image of the document printed on the paper and a note handwritten on the paper; and

correlating and electronically storing the electronic document and the information about the note.

16. (original) The document managing method according to claim 15, wherein the information about the note includes image data of the note.

17. (original) The document managing method according to claim 16, further comprising

recognizing a character written in the image data of the note.

18. (original) The document managing method according to claim 17, wherein the electronic document, a note image, and a recognition result of the note image are correlated and electronically stored in the correlating and storing step.

19. (currently amended) The document managing method according to claim 15, further comprising

searching contents of the electronic document and the recognition result in accordance with a search keyword input from a user, and displaying a search result.

20. (original) The document managing method according to claim 16, wherein the image data of the note is obtained by taking a difference between an image generated from the electronic document and the read image.

21. (original) The document managing method according to claim 15, wherein the information about the note includes location information indicating a location of the note within a printed document.

22. (currently amended) A storage medium readable by an information processing device, on which is recorded a program for causing the information processing device to execute a document managing method electronically managing a note written in a paper document printed from an electronic document when the document is printed and used by a person, the method comprising:

reading as an image a document printed on a paper with a note;

extracting information about the note from the read image of the document printed on the paper and a note handwritten on the paper; and

correlating and electronically storing the electronic document and the information about the note.

23. (new) A method, comprising:

printing a stored electronic document as a printed document;

allowing a user to make a handwritten note on the printed document;

scanning the printed document including the note;

extracting the note from the scanned printed document; and

storing the extracted note linked to the electronic document.

24. (new) A method, comprising:

scanning a printed version of an electronic document including a handwritten note; and

extracting and storing note linked to the electronic document.